DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

BUARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

MIAMI-DADE COUNTY

Trulite Window & Door Solutions, LLC 8130 NW 74th Avenue Medley, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "4100" Aluminum Sliding Glass Door (Steel-reinforced)-L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09-17 Rev D**, titled "Series 4100 Alum Sld. Glass Door (L.M.I.)", sheets 1 through 6 of 6, dated JAN 12, 2012, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant Limitation:

1. OX, XO or OXO configurations.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 10-0804.04 (former Arch Windows, LLC dba AWP) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

MIAMIDADE COUNTY
APPROVED

NOA No 12-0118.31 Expiration Date: July 08, 2014 Approval Date: March 22, 2012

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (transferred from file # 10-0804.04)
- 2. Drawing No. W09-17 Rev D, titled "Series 4100 Alum Sld. Glass Door (L.M.I.)", sheets 1 thru 6 of 6, dated JAN 12, 2012, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

Note: This revision consists of FBC 2010 notes & Co. name change)

B. TESTS (transferred from file # 10-0804.04)

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of an OXO aluminum Sliding glass door, prepared by Fenestration Testing Lab., Test Report No. **FTL-5766**, dated 01/23/09, signed and sealed by Michael S. Wenzel, P. E.

C. CALCULATIONS

- 1. Statement letter dated Jan 04, 2012 compliance to FBC 2010, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al Farooq Corporation, dated 03/19/09 and last revised on June 03, 2010, signed and sealed by Javad Ahmad, P.E. (transferred from file # 10-0804.04)
- 3. Glazing complies w/ ASTME-1300-02 & -04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **08-0514.08** issued to Solutia, for "Vanceva Composite interlayer", expiring on 12/11/2013.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2010 and "No change except code revision notes & Company name change", prepared by Al-Farooq Corporation, dated 01/04/12, signed and sealed by Javad Ahmad, P.E.
- 2. Statement letter of conformance FBC 2007and letter of no financial interest, prepared by Al-Farooq Corporation, dated 05/07/10, signed and sealed by Javad Ahmad, P.E. (transferred from file # 10-0804.04)
- 3. Statement letter of compliance, part of the above referenced test reports.

Ishaq I. Chanda, P.E. Product Control Examiner NOA No 12-0118.31

Expiration Date: July 08, 2014 Approval Date: March 22, 2012

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E - 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)

- 4. Sales agreement between AWP, LLC (seller) and Arch Aluminum & Glass Enterprise, a Delaware Corp (purchaser) dated Jan 14, 2010, signed by Leon J. Silverstein and Wm, Robert Wright, respectively.
- 5. Certificate of registration of Arch Windows, LLC in State of Delaware, dated 02-03-10.
- 6. Certificate of registration of Arch Windows, LLC (Delaware) in State of Florida dated 02-04, 2010, managed by Arch Intermediate Holding, LLC.
- 7. Florida Dept of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl.
- 8. Asset purchase agreement dated 11/01/06 among AWP, LLC (Buyer) and Yale Ogron Windows & Door Inc. (seller), signed by Leon J. Silverstein and Manny Valladares, respectively.
- 9. Statement letter dated March 25, 2010, issued by Arch Windows, LLC that it has purchased all assets of AWP, LLC effectively Jan 29, 2010, signed by Leon Silverstein, President/CEO (Arch Windows, LLC).

G. OTHER

- 1. This NOA revises NOA # 10-0804.04, expiring on July 08, 2014.
- 2. Test proposal dated 08/04/08 approved by BCCO.

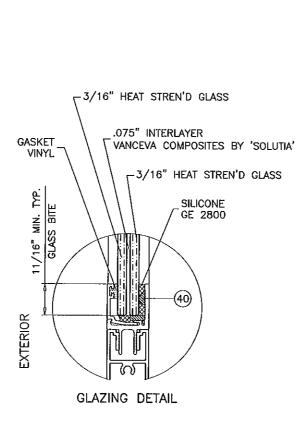
Ishaq I Chanda P.F.

Ishaq I. Chanda, P.E. Product Control Examiner NOA No 12-0118.31

Expiration Date: July 08, 2014 Approval Date: March 22, 2012

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l	DE	DESIGN LOAD CAPACITY - PSF				
İ	DOOR WIDTH (OX, XO)	DOOR WIDTH (OXO)	DOOR HEIGHT	7/16" LAM. GLASS		
l	INCHES	INCHES	INCHES	EXT. (+)	INT. (-)	
ļ	72	108	80	60.0	60.0	
l	80	120		60.0	60.0	
ı	88	132		60.0	60.0	
l	96	144		60.0	60.0	
I	104	156		60.0	60.0	
l	112	168		60.0	60.0	
l	72	108	84	60.0	60.0	
1	80	120		60.0	60.0	
l	88	132		60.0	60.0	
H	96	144		60.0	60.0	
	104	156		60,0	60,0	
	72	108		60.0	60.0	
	80	120	90	60.0	60.0	
l	88	132		60.0	60.0	
l	96	144		60.0	60.0	
	72	108		60.0	60.0	
	80	120	951/2	60.0	60.0	
$\ $	88	132		60.0	60.0	
Il	96	144		60.0	60.0	

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY EGRESS REQUIREMENTS PER FBC.



6" MAX. 12" MAX. HEAD/SILL HEAD/SILL CORNERS (D) (C) (E) 94 5/8" PANEL HEIGH В 42 3/4" 43" D.L.O. WIDTH D.L.O. WIDTH D.L.O. WIDTH

48 3/4"

FIX. PANEL WIDTH

144 1/2" DOOR WIDTH

DAYLITE OPENINGS:

D.L.O. HEIGHT = PANEL HEIGHT - 6.625"

PANEL HEIGHT = DOOR HEIGHT - 0.875"

D.L.O. WIDTH (FIX. PANEL) = PANEL WIDTH -5.750" D.L.O. WIDTH (OPER. PANEL) = PANEL WIDTH - 6.000"

SERIES 4100 ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD CAPACITY FOR DOORS TO BE AS PER CHARTS SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

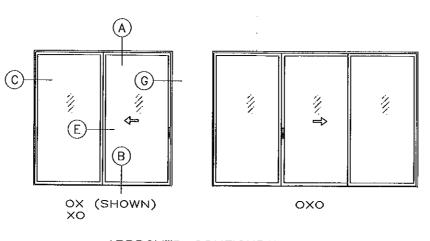
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

48 3/4" MOV. PANEL WIDTH

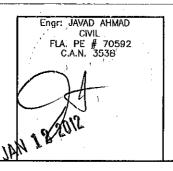
TYPICAL ELEVATION TESTED UNITS

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS.

48 3/4"

FIX. PANEL WIDTH

PRODUCT REVISED



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date: 03−11−09		scale: 1/2"=1"-0"		dr. by: HAMID	Ш	
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CORPORATION DUCT DEVELOPMENT

AL-FAROOQ COF ENGINEERS & PRODUCT I 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264 8100

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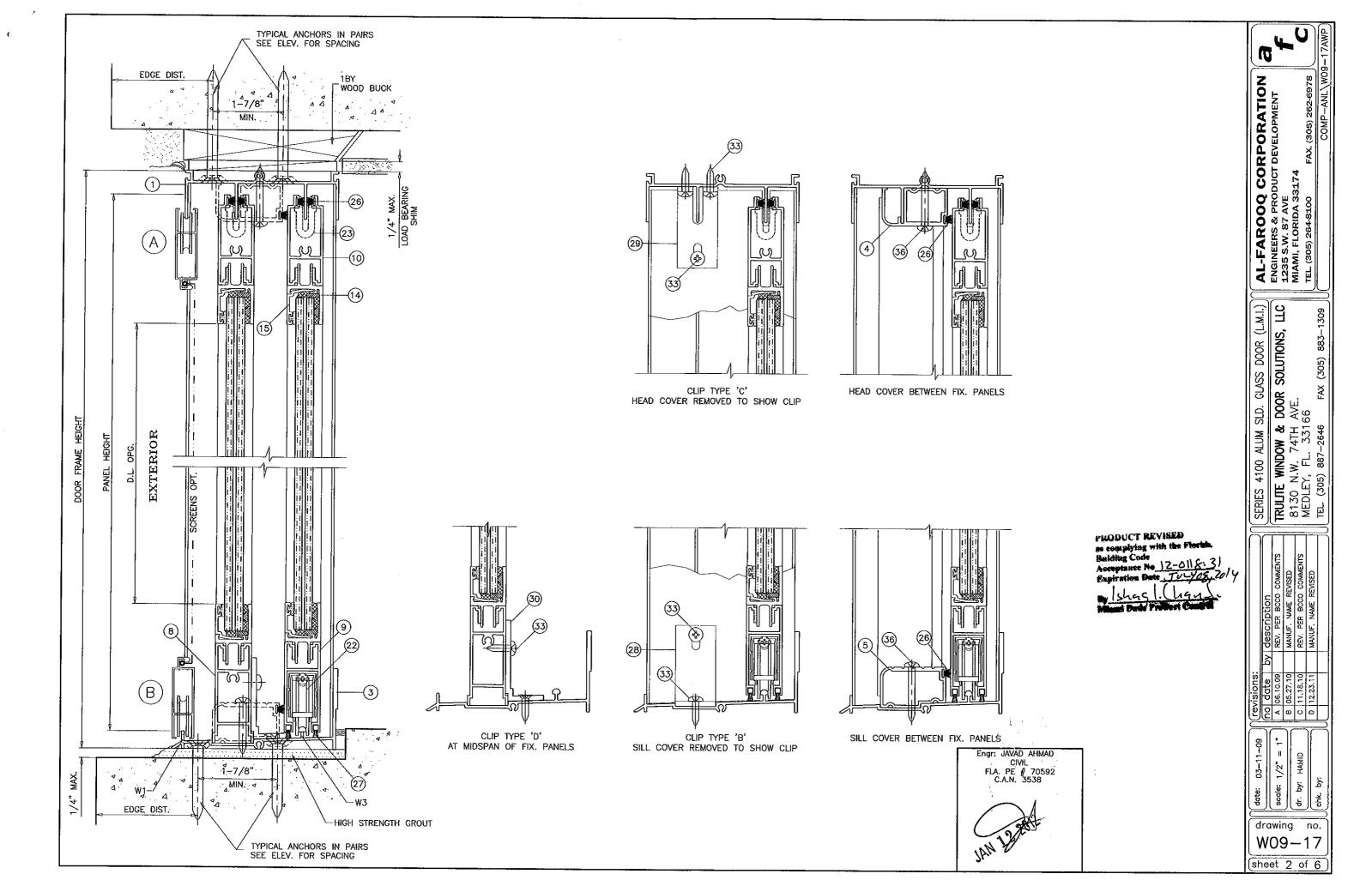
E WINDOW & DOOR ! N.W. 74TH AVE. EY, FL. 33166

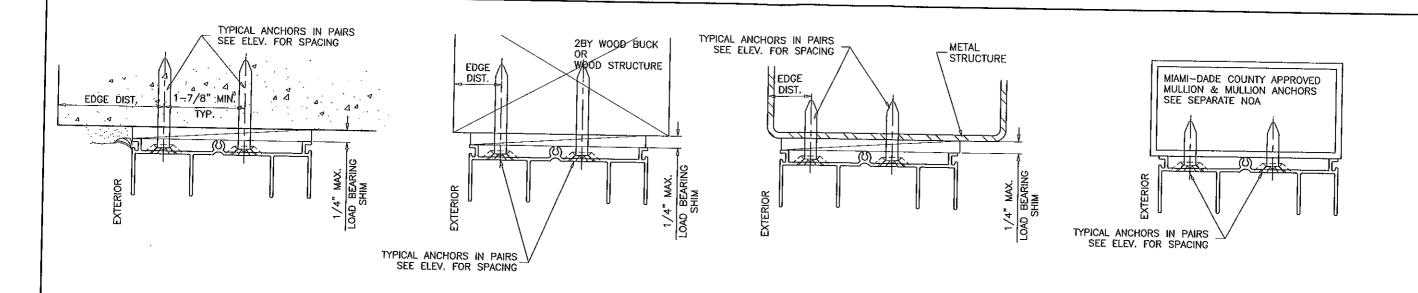
GLASS

drawing no. W09 - 17

sheet 1 of 6

APPROVED CONFIGURATIONS





WOOD BUCKS AND METAL STRUCTURE NOT BY TRULITE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCONS BY 'ITW'

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL: 12 GA. MIN. (Fy = 36 KSI MIN.) ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8") (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE f'c = 3000 PSI MIN. MASONRY f'm = 2000 PSI MIN.

PRODUCT REVISED as complying with the Florida Building Code

Engr: JAVAD AHMAD CIVIL FLA, PE # 7.0592 C.A.N. 3538	·	
A 2012	* .	

HAMID 1/2" ፟ຮ້ scale: dr. by:

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

DOOR (L.M.I.)

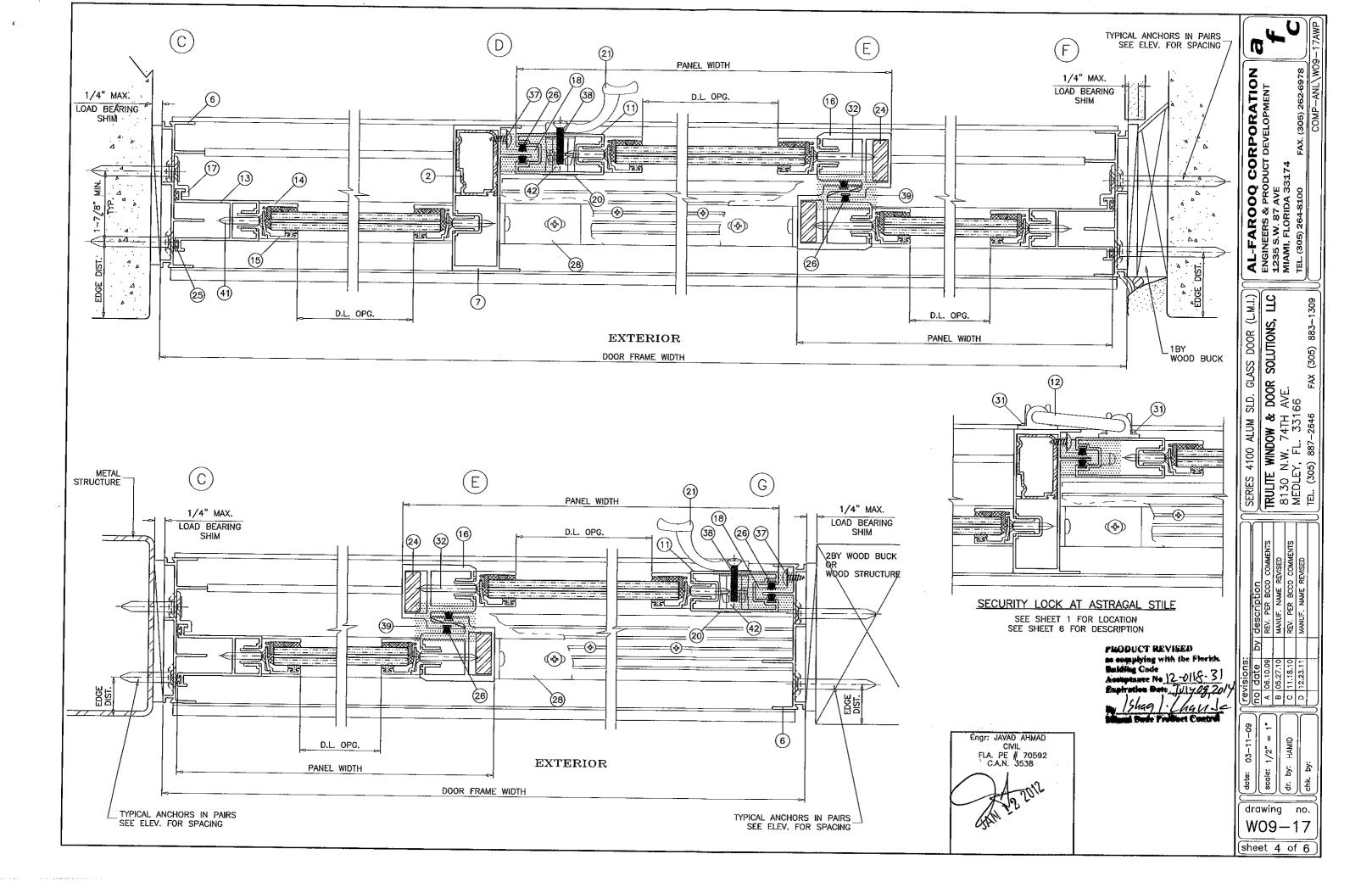
4100 ALUM SLD. GLASS DOOR (L. WINDOW & DOOR SOLUTIONS,

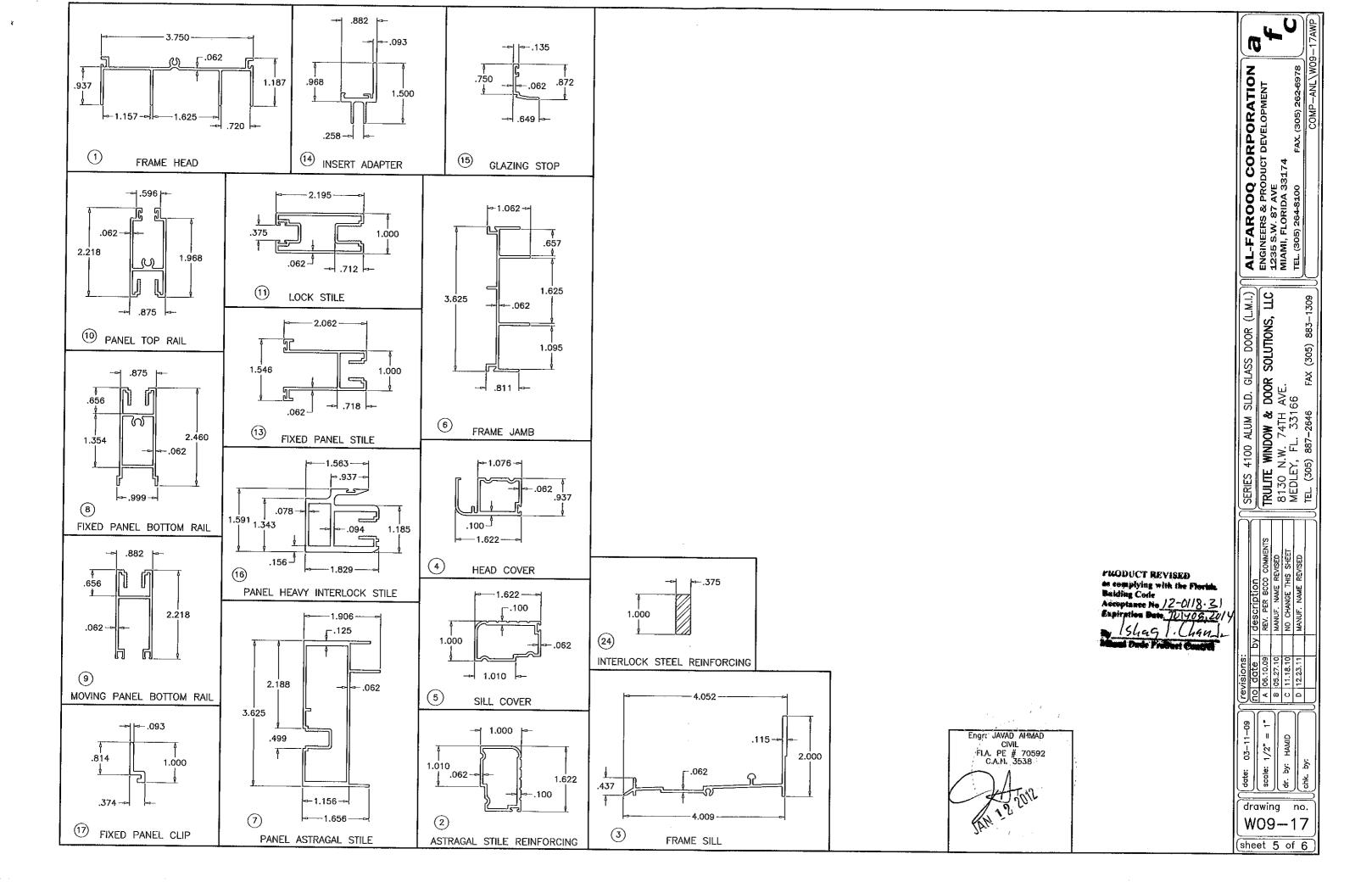
TRULITE WINDOW & DOOR S 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 TEL. (305) 887-2646 FAX

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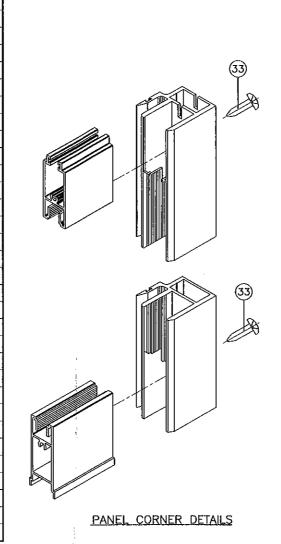
drawing no. W09 - 17

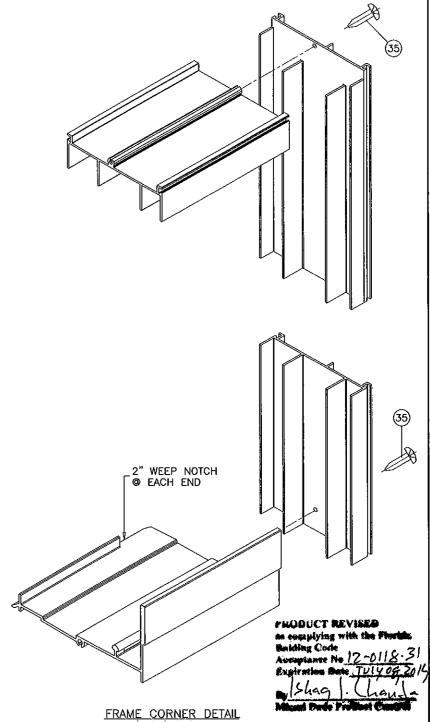
sheet 3 of 6





ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL
1	YE-304	1	FRAME HEAD	ALUM. (6063-T5)
2	YE-3010	1	ASTRAGAL REINF. (FULL LENGTH)	ALUM. (6063-T5)
3	YE-373	1	FRAME SILL	ALUM. (6063T5)
4	YE-309	1	HEAD COVER	ALUM. (6063-T5)
5	YE-3010	1	SILL COVER	ALUM. (6063-T5)
6	YE-303	2	FRAME JAMB	ALUM. (6063-T5)
7	YE-344	1	PANEL HEAVY ASTRAGAL STILE	ALUM. (6063-T5)
8	YE-379	2	PANEL BOTTOM RAIL (FIXED)	ALUM. (6063-T5)
9	YE-306	1	PANEL BOTTOM RAIL (MOVING)	ALUM. (6063-T5)
10	YE-307	3	PANEL TOP RAIL (FIXED & MOVING)	ALUM. (6063-T5)
11	YE-301	1	PANEL LOCKING STILE	ALUM. (6063-T5)
12	YH-4044	1	SECURITY LOCK @ 48" FROM BOTTOM, FASTENED W/ (4) #8 X 1" PH SMS	STEEL CHROME
13	YE-302	2	PANEL FIXED END STILE	ALUM. (6063-T5)
14	YE-382	12	INSERT ADAPTER (7/16" GLASS)	ALUM. (6063-T6)
15	YE-383	12	GLAZING STOP (7/16" GLASS)	ALUM. (6063-T6)
16	YE-325	2	PANEL HEAVY INTERLOCK STILE	ALUM. (6063-T5)
17	YE-377	2	FIXED PANEL CLIP (95" LONG)	ALUM. (6063-T5)
18	YH4003	1	KEEPER	CAST (ZAMAK)
19	YH4016	1	EXTERIOR CONCEALED HANDLE	CAST (ZAMAK)
20	YH-4017	1	INTERIOR CONCEALED HANDLE	CAST (ZAMAK)
21	YH-4022	11	DOOR HANDLE	CAST (ZAMAK)
22	YH-3023	2	ROLLER ASSEMBLY, FASTENED W/ (1) #10-24 X 7/8" PH MS	STEEL
23	YH-4002	2	PANEL TOP SLIDE GUIDE	NYLON
24	YH-4027	2	1 x .375" x FULL LG. REINF. BAR	STEEL (A36)
25	YH-4010	AS REQ.'D	BULB VINYL WEATHERSTRIP	VINYL
26	YH-4004	AS REQ'D.	.187" x .250" WEATHERSTRIP	_
27	YH-6006	AS REQ'D.	.115" x .500" WEATHERSTRIP	-
28	YH-4034	11	TYPE B CLIP (2 x 2 x 1 x 1/8")	ALUMINUM
29	YH4055	11	TYPE C CLIP (2 x 2 x 1 x 1/8")	ALUMINUM
30	YH-4054	6	TYPE D CLIP (2 x 7/8 x 1/8 x 3")	ALUM. (6063-T6)
31		8	#8 x 3/4" PH. P.H. SMS.	CAD PLATED
32		AS REQ.'D	#8 x 1-1/2" FH. SMS.	CAD PLATED
33	YF-2	46	#10 x 1" PH. SMS. (PANELS/CLIPS)	CAD PLATED
34	YF17	1/WHEEL	#10-24 x 7/8" PH. MS.(WHEEL ADJ)	CAD PLATED
35	YF-10	4/FRAME	#8 x 1" PH. SMS. (FRAME ASSY.)	CAD PLATED
36		6	#10 x 1-1/4" P.H. SMS.	CAD PLATED
37	YF-18	2	#10 x 3/8" TRUSS HEAD SMS.	CAD PLATED
38	YF-27	2	#10-32 x 1" OVAL HEAD. SS. MS.	STAINLESS STEEL
39	YH-4013	4	PAD (INTRLK/ASTRAGAL (TOP/BOTTOM)	_
40	GB125375	AS REQ.'D	GLAZING SPACER	_
41		AS REQ.'D	#10 x 1-1/4" FH. SMS.	CAD PLATED
42		1	HOOK LOCK	METALLIC





Engr: JAVAD AHMAD CIVIL
FLA. PE # 7,0592
C.A.M. 3538

